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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/913,869	08/20/2001	William Michael Scherer	7442	5587 5

27752 7590 10/02/2003

THE PROCTER & GAMBLE COMPANY
INTELLECTUAL PROPERTY DIVISION
WINTON HILL TECHNICAL CENTER - BOX 161
6110 CENTER HILL AVENUE
CINCINNATI, OH 45224

EXAMINER

PETRUNCIO, JOHN M

ART UNIT	PAPER NUMBER
1751	

DATE MAILED: 10/02/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/913,869	Applicant(s) Scheper et al		
	Examiner John M. Petruncio	Art Unit 1751		
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --				
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.				
- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).				
Status				
1) <input type="checkbox"/> Responsive to communication(s) filed on _____.				
2a) <input type="checkbox"/> This action is FINAL . 2b) <input checked="" type="checkbox"/> This action is non-final.				
3) <input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11; 453 O.G. 213.				
Disposition of Claims				
4) <input checked="" type="checkbox"/> Claim(s) <u>1 and 10-46</u> is/are pending in the application.				
4a) Of the above, claim(s) _____ is/are withdrawn from consideration.				
5) <input type="checkbox"/> Claim(s) _____ is/are allowed.				
6) <input checked="" type="checkbox"/> Claim(s) <u>1 and 10-46</u> is/are rejected.				
7) <input type="checkbox"/> Claim(s) _____ is/are objected to.				
8) <input type="checkbox"/> Claims _____ are subject to restriction and/or election requirement.				
Application Papers				
9) <input type="checkbox"/> The specification is objected to by the Examiner.				
10) <input type="checkbox"/> The drawing(s) filed on _____ is/are a) <input type="checkbox"/> accepted or b) <input type="checkbox"/> objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).				
11) <input type="checkbox"/> The proposed drawing correction filed on _____ is: a) <input type="checkbox"/> approved b) <input type="checkbox"/> disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action.				
12) <input type="checkbox"/> The oath or declaration is objected to by the Examiner.				
Priority under 35 U.S.C. §§ 119 and 120				
13) <input checked="" type="checkbox"/> Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).				
a) <input checked="" type="checkbox"/> All b) <input type="checkbox"/> Some* c) <input type="checkbox"/> None of: 1. <input type="checkbox"/> Certified copies of the priority documents have been received. 2. <input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____. 3. <input checked="" type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).				
*See the attached detailed Office action for a list of the certified copies not received.				
14) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). a) <input type="checkbox"/> The translation of the foreign language provisional application has been received.				
15) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.				
Attachment(s)				
1) <input type="checkbox"/> Notice of References Cited (PTO-892)				
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)				
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s). <u>4</u>				
4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____				
5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)				
6) <input type="checkbox"/> Other: _____				

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DETAILED ACTION

Specification

1. This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1 and 10-46 are rejected under 35 U.S.C. 112, first paragraph, as based on a disclosure which is not enabling. A butoxycapped nonionic surfactant is critical or essential to the practice of the invention (specification page 2, line 14), but is not included in the claim(s) - "less than or equal to two" is construed as reading on zero or the absence of the butoxy moiety. See *In re Mayhew*, 527 F.2d 1229, 188 USPQ 356 (CCPA 1976). .

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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Qualification of the capped nonionic surfactant in terms of an X/Y number greater than 1.00 appears to be at variance with the description of the calculation of this term at page 6, line 5 et seq of the specification ... shouldn't it be the ratio of hydrophilic to hydrophobic, rather than the converse as stated ? Clarification and correction if necessary is required.

5. Claim 16 recites the limitation "PO" in various of the surfactants. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1 and 10-15 and 17-46 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over EP 0 661 043 to Tonomura et al /Kao Corporation which discloses a detergent composition comprising a capped nonionic surfactant construed as devoid of a butoxy endcapped moiety and having sufficient alkyl carbons and ethoxy moieties with an ethoxy endcap to yield an X/Y ratio ... a hydrophilic to hydrophobic hydrogen

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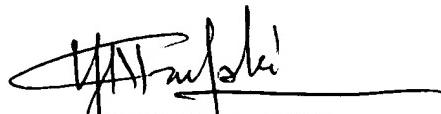
ratio as called for, One of ordinary skill in this art at the time of the invention would have found it obvious having the benefit of this references teachings to formulate a detergent composition containing this surfactant and any customary adjunct ingredient as called for.. As construed, these claims call for a conventional ethoxy-containing nonionic surfactant in combination with conventional detergent components, and related obvious methods of use . No claim stands allowed.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. .
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Petruncio whose telephone number is (703) 308-9442. The examiner can normally be reached on Monday-Friday from 8:30 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta, can be reached on (703) 308-4708. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3599.

John M. Petruncio
September 29, 2003



JOGENDRA N. GUPTA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700